

**Exhibit 11B**

Iowa Department of Natural Resources Wastewater Engineering Section

**Construction Permit Application****SCHEDULE F, Treatment Project Site Selection**

<b>DATE PREPARED</b>	<b>PROJECT IDENTITY</b>	<b>DNR USE</b>
		PROJECT NO.
<b>DATE REVISED</b>		PERMIT NO.

  

1. Project Location: County \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 Is this a new site? \_\_\_\_\_ Existing site? \_\_\_\_\_ or Expansion of existing site? \_\_\_\_\_
  
2. Provide the following as attachments (minimum of three each needed):
  - (a) General plat layout of area within a five mile radius of the project, noting all important features. (U.S.G.S. map may be used).
  - (b) Site layout of area within a 1,500 foot radius of the project with a scale of approximately 1 inch equal to 200 feet, noting project and all features listed in Subrule 567 IAC 64.2(3): inhabitable residences, commercial buildings, inhabitable structures, public shallow wells, public deep wells, private wells, lakes and public impoundments, property lines and rights-of-way, etc.
  
3. Does the project lie in a floodplain? Yes ☐ No ☐  
 Elevation of 100 year flood (MSL) \_\_\_\_\_ Elevation of 25 year flood (MSL) \_\_\_\_\_  
 Will the treatment works structures, including the electrical and mechanical equipment, be protected from physical damage by the 100-year flood? Yes ☐ No ☐  
 Will the plant remain operational during the 25-year flood? Yes ☐ No ☐  
 Method of flood protection \_\_\_\_\_  
 \_\_\_\_\_
  
4. Minimum distance to high water table \_\_\_\_\_
  
5. Describe geology of area \_\_\_\_\_  
 \_\_\_\_\_
  
6. Describe soil conditions \_\_\_\_\_
  
7. State the minimum distances and direction to:
  - (a) Public shallow wells \_\_\_\_\_ (b) Public deep wells \_\_\_\_\_
  - (c) Private wells \_\_\_\_\_
  - (d) Inhabitable residences, commercial buildings, or other inhabitable structures \_\_\_\_\_
  - (e) Lakes and public impoundments \_\_\_\_\_
  - (f) Property lines and rights-of-way \_\_\_\_\_ (g) Other \_\_\_\_\_
  
8. Direction of the prevailing winds \_\_\_\_\_
  
9. Sulfate content of the raw water supply source \_\_\_\_\_ mg/l. Identify source \_\_\_\_\_
  
10. Is this area available for expansion? Yes ☐ No ☐ If yes, how much? \_\_\_\_\_  
 Location of area \_\_\_\_\_ Identify owner of property \_\_\_\_\_
  
11. Will site be accessible via an all weather access road? Yes ☐ No ☐ Type \_\_\_\_\_
  
12. Source of STP water supply:
 

Maintenance/Cleanup _____	Potable? Yes <input type="checkbox"/> No <input type="checkbox"/>
Laboratory/Sanitary _____	Potable? Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	Potable? Yes <input type="checkbox"/> No <input type="checkbox"/>
  
13. Receiving Stream \_\_\_\_\_ tributary to \_\_\_\_\_  
 7-day 10-year Low Flow \_\_\_\_\_ cfs. Source of stream flow data \_\_\_\_\_  
 Drainage area above site \_\_\_\_\_ square miles  
 Is stream \_\_\_\_\_ intermittent \_\_\_\_\_ continuous flow (perennial) \_\_\_\_\_  
 Describe use designation of receiving stream \_\_\_\_\_

## **Instructions for Schedule F**

1. Identify the project and location.
2. Important features which include public shallow wells, public deep wells, private wells, inhabitable residences, commercial buildings, or other inhabitable structures, lakes, public impoundments, and other public use or recreation areas, property lines, and rights-of-way, and any other feature affected by the water quality shall be included on the 1500 foot radius site layout.
3. Completely describe any adverse impact on the treatment facility caused by high water.
4. Indicate minimum distance to typical wet weather groundwater level.
5. Self-explanatory.
6. Self-explanatory.
7. See subrule 567 IAC 64.2(3) of the Iowa Administrative Code for the required separation distances. When the separation distances in the referenced subrule cannot be maintained for the expansion, upgrading or replacement of existing facilities, the separation distances shall be maintained at no less than 90 percent of the existing separation distance on the site, providing no data is available indicating that a problem has existed or will be created. If requesting the 90 percent exception, the proposed separation distance from each potentially affected item or structure shall be identified on Schedule F or an attachment to the form.
8. Self-explanatory.
9. Self-explanatory.
10. Self-explanatory.
11. Self-explanatory.
12. Self-explanatory.
13. Self-explanatory.

NOTE: Complete a separate Schedule F for each separate project site.